

WHAT IS CLAIMED IS:

1. A method of controlling display of a map, in which based on a designation of a map display area desired to be displayed on a display screen, a
5 corresponding map and a position of a facility included in the map display area are displayed, the method comprising:

an identifier adding step for, in response to an instruction of zoom display of a map corresponding
10 to a first area that is currently displayed, in order to distinguish point information associated with a first point existing in an area of a map corresponding to a second area to be zoomed from point information associated with a second point
15 excluded from the second area to be zoomed in the map corresponding to the first area, adding to each piece of point information an identifier indicating whether or not a point is in a position in the second area; and

20 a display step for displaying the map, corresponding to the second area to be zoomed within the display screen, the point information associated with the first point in a position for indicating the first point included in the second area, and the
25 point information associated with the second point excluded from the second area in a position for indicating a direction of the second point in a

periphery of the map corresponding to the second area.

2. The method according to claim 1, wherein a process is executed for restraining display of the point information associated with a position existing
5 a predetermined distance apart from a center of the map corresponding to the second area displayed in the display step.

10 3. The method according to claim 1, wherein when a current point of an electronic equipment for implementing the method exists on a zoomed map image displayed in the display step, a process is executed for restraining display of the point information
15 associated with the second position existing a predetermined distance apart from the current point.

4. The method according to claim 1, wherein a display condition of the point information is changed
20 depending on a distance from a center of the map corresponding to the second area displayed in the display step.

5. The method according to claim 1, wherein
25 when a current point of an electronic equipment for implementing the method exists on a zoomed map image displayed in the display step, a display condition of

the point information is changed depending on a distance between the current point and the second point.

5 6. The method according to claim 1, wherein in the display step, the periphery of the map corresponding to the second area on which the point information associated with the second point is superposed is set as an area different from another
10 area of the map.

 7. The method according to claim 1, wherein in the display step, the point information associated with the second point is displayed within a range of
15 $\pm 22.5^\circ$ of an actual direction.

 8. An electronic equipment for, based on a designation of a map display area desired to be displayed on a display screen, displaying a
20 corresponding map and a position of a facility included in the map display area, the electronic equipment comprising:

 an identifier adding device for, in response to an instruction of zoom display of a map corresponding
25 to a first area that is currently displayed, in order to distinguish point information associated with a first point existing in an area of a map

corresponding to a second area to be zoomed from
point information associated with a second point
excluded from the second area to be zoomed in the map
corresponding to the first area, adding to each piece
5 of point information an identifier indicating whether
or not a point is in a position in the second area;
and

a display device for displaying the map
corresponding to the second area to be zoomed within
10 the display screen, the point information associated
with the first point in a position for indicating the
first point included in the second area, and the
point information associated with the second point
excluded from the second area in a position for
15 indicating a direction of the second point in a
periphery of the map corresponding to the second area.

9. The electronic equipment according to claim
8, wherein the display device executes a process for
20 restraining display of the point information
associated with a position existing a predetermined
distance apart from a center of the map corresponding
to the second area displayed.

25 10. The electronic equipment according to claim
8, wherein when a current point of the electronic
equipment exists on a zoomed map image displayed, the

display device executes a process for restraining display of the point information associated with the second position existing a predetermined distance apart from the current point.

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11. The electronic equipment according to claim 8, wherein the display device changes a display condition of the point information depending on a distance from a center of the map corresponding to the second area displayed.

12. The electronic equipment according to claim 8, wherein when a current point of the electronic equipment exists on a zoomed map image displayed in the display step, the display device changes a display condition of the point information depending on a distance between the current point and the second point.

13. The electronic equipment according to claim 8, wherein the display device sets the periphery of the map corresponding to the second area on which the point information associated with the second point is superposed as an area different from another area of the map.

14. The electronic equipment according to claim

8, wherein the display device displays the point information associated with the second point within a range of ± 22.5 degrees of an actual direction.

5 15. A storage medium stored with a program for implementing a method of controlling display of a map, in which based on a designation of a map display area desired to be displayed on a display screen, a corresponding map and a position of a facility
10 included in the map display area are displayed, the method comprising:

 an identifier adding step for, in response to an instruction of zoom display of a map corresponding to a first area that is currently displayed, in order
15 to distinguish point information associated with a first point existing in an area of a map corresponding to a second area to be zoomed from point information associated with a second point excluded from the second area to be zoomed in the map
20 corresponding to the first area, adding to each piece of point information an identifier indicating whether or not a point is in a position in the second area; and

 a display step for displaying the map
25 corresponding to the second area to be zoomed within the display screen, the point information associated with the first point in a position for indicating the

first point included in the second area, and the point information associated with the second point excluded from the second area in a position for indicating a direction of the second point in a periphery of the map corresponding to the second area.

16. The storage medium according to claim 15, wherein a process is executed for restraining display of the point information associated with a position existing a predetermined distance apart from a center of the map corresponding to the second area displayed in the display step.

17. The storage medium according to claim 15, wherein when a current point of an electronic equipment for implementing the method exists on a zoomed map image displayed in the display step, a process is executed for restraining display of the point information associated with the second position existing a predetermined distance apart from the current point.

18. The storage medium according to claim 15, wherein a display condition of the point information is changed depending on a distance from a center of the map corresponding to the second area displayed in the display step.

19. The storage medium according to claim 15,
wherein when a current point of an electronic
equipment for implementing the method exists on a
zoomed map image displayed in the display step, a
5 display condition of the point information is changed
depending on a distance between the current point and
the second point.

20. The storage medium according to claim 15,
10 wherein in the display step, the periphery of the map
corresponding to the second area on which the point
information associated with the second point is
superposed is set as an area different from another
area of the map.

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21. The storage medium according to claim 15,
wherein in the display step, the point information
associated with the second point is displayed within
a range of ± 22.5 degrees of an actual direction.

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